

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555

RRID:AB_2535783

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A-21147, RRID:AB_2535783)

Antibody Information

URL: http://antibodyregistry.org/AB_2535783

Proper Citation: (Thermo Fisher Scientific Cat# A-21147, RRID:AB_2535783)

Target Antigen: Mouse IgG2b

Host Organism: goat

Clonality: polyclonal secondary

Comments: Applications: ICC/IF, IHC, WB

Antibody Name: Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555

Description: This polyclonal secondary targets Mouse IgG2b

Target Organism: mouse

Defining Citation: [PMID:22381575](#), [PMID:17513757](#), [PMID:23532850](#), [PMID:21875948](#)

Antibody ID: AB_2535783

Vendor: Thermo Fisher Scientific

Catalog Number: A-21147

Record Creation Time: 20251213T073903+0000

Record Last Update: 20260225T231120+0000

Ratings and Alerts

No rating or validation information has been found for Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555.

No alerts have been found for Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#).

Deschenes MR, et al. (2025) Mature and Juvenile Neuromuscular Plasticity in Response to Unloading. *Developmental neurobiology*, 85(3), e22966.

Hunker AC, et al. (2025) Enhancer AAV toolbox for accessing and perturbing striatal cell types and circuits. *Neuron*, 113(10), 1507.

Dubey SK, et al. (2025) Aberrant nuclear pore complex degradation contributes to neurodegeneration in VCP disease. *Neuron*.

Topolski MA, et al. (2025) Input-Specific Localization of NMDA Receptor GluN2 Subunits in Thalamocortical Neurons. *Journal of neurochemistry*, 169(3), e70049.

Vinsland E, et al. (2025) Cell atlas of the developing human meninges reveals a dura origin of meningioma. *bioRxiv : the preprint server for biology*.

Mozin E, et al. (2024) Dystrophin deficiency impairs cell junction formation during embryonic myogenesis from pluripotent stem cells. *iScience*, 27(7), 110242.

Fang Y, et al. (2024) The Mediator Med23 controls a transcriptional switch for muscle stem cell proliferation and differentiation in muscle regeneration. *Cell reports*, 43(5), 114177.

Appelman B, et al. (2024) Muscle abnormalities worsen after post-exertional malaise in long COVID. *Nature communications*, 15(1), 17.

Foucault L, et al. (2024) Neonatal brain injury unravels transcriptional and signaling changes underlying the reactivation of cortical progenitors. *Cell reports*, 43(2), 113734.

Topolski MA, et al. (2024) Input-specific localization of NMDA receptor GluN2 subunits in thalamocortical neurons. *bioRxiv : the preprint server for biology*.

Degrelle SA, et al. (2023) IFITM1 inhibits trophoblast invasion and is induced in placentas associated with IFN-mediated pregnancy diseases. *iScience*, 26(7), 107147.

Mozin E, et al. (2023) Dystrophin deficiency impairs cell junction formation during embryonic myogenesis. *bioRxiv : the preprint server for biology*.

Castaneda DC, et al. (2023) Spatiotemporally organized immunomodulatory response to SARS-CoV-2 virus in primary human broncho-alveolar epithelia. *iScience*, 26(8), 107374.

Voges HK, et al. (2023) Vascular cells improve functionality of human cardiac organoids. *Cell reports*, 42(5), 112322.

Feng X, et al. (2023) Polycomb Ezh1 maintains murine muscle stem cell quiescence through non-canonical regulation of Notch signaling. *Developmental cell*, 58(12), 1052.

Castaneda DC, et al. (2023) Spatiotemporally organized immunomodulatory response to SARS-CoV-2 virus in primary human broncho-alveolar epithelia. *bioRxiv : the preprint server for biology*.

Li W, et al. (2023) Sulforaphane attenuates cancer cell-induced atrophy of C2C12 myotubes. *American journal of physiology. Cell physiology*, 324(2), C205.

Castaneda DC, et al. (2023) Protocol for establishing primary human lung organoid-derived air-liquid interface cultures from cryopreserved human lung tissue. *STAR protocols*, 4(4), 102735.

Kenney HM, et al. (2023) Multi-omics analysis identifies IgG2b class-switching with ALCAM-CD6 co-stimulation in joint-draining lymph nodes during advanced inflammatory-erosive arthritis. *Frontiers in immunology*, 14, 1237498.

Castillo-Rodriguez MLA, et al. (2022) Astroglial and oligodendroglial markers in the cuprizone animal model for de- and remyelination. *Histochemistry and cell biology*, 158(1), 15.